AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A computer system for dynamically generating a user interface comprising:

a memory configured to store a UI view definition for the user interface; and

a processor configured to execute a UI view manager, wherein the UI view manager comprises functionality to dynamically generate, at run-time, the user interface from the UI view definition, wherein the UI view manager instantiates, as part of the user interface, a panel comprising a wrapped control ~~as part of the user interface~~,

wherein the wrapped control comprises a control and a wrapper,

wherein the wrapper provides an interface between the control and the UI view manager,

wherein the UI view manager is configured to send a message to the control, [[and]]

wherein the control is configured to receive the message,

wherein the control is an application, and

wherein output of the control is displayed in the panel.

2. (Cancelled)

3. (Previously Presented) The computer system of claim 1 wherein the user interface comprises a plurality of controls, the wrapped control being one of the controls.

4. (Cancelled)

5. (Cancelled)

6. (Currently Amended) The computer system of claim 1 wherein the UI view manager is operable to dynamically change at run-time [[the]] a function of the wrapped control.

7. (Previously Presented) The computer system of claim 1 further comprising: a UI container, wherein the user interface is provided within an environment provided by the UI container.

8. (Previously Presented) The computer system of claim 1 wherein the UI view manager provides the wrapped control as part of the user interface by including a user interface element of the wrapped control in the user interface.

9. (Previously Presented) The computer system of claim 1 wherein the UI view manager instantiates the wrapped control as part of the user interface by: providing functionality of the wrapped control to be performed in response to activating a user interface element of the wrapped control in the user interface.

10. (Cancelled)

11. (Currently Amended) The computer system of claim 1 wherein the UI view manager contains an implementation of a UI view interface and the wrapped control invokes a function of the UI view interface implementation of the UI view interface to communicate with the UI view manager.

12. (Previously Presented) The computer system of claim 1 wherein the UI view manager is operable to dynamically at run-time generate the user interface in response to a change to the UI view definition.

13. (Previously Presented) The computer system of claim 1 further comprising: a user interface designer for providing a UI view definition.

14. (Previously Presented) The computer system of claim 1 wherein the UI view definition corresponds to an XML file.

15. (Previously Presented) The computer system of claim 1 wherein the UI view definition comprises a control definition for the wrapped control, wherein the control definition specifies a user interface element of the wrapped control and a program identifier of code to provide functionality of the wrapped control.

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) A method for providing a user interface comprising the steps of:

generating a user interface from a UI view definition wherein the generating step includes creating a wrapper for generating a wrapped control as part of the user interface, the wrapped control having a communication interface to dynamically communicate with the UI manager; and

dynamically editing, at run-time, the user interface using the UI view definition to change the ~~such that the~~ user interface ~~is adapted to a particular application~~,

wherein user interface comprises a panel,

wherein the wrapped control is instantiated in the panel,

wherein the wrapped control comprises a control and a wrapper,

wherein the wrapper provides an interface between the control and the UI view manager,

wherein the UI view manager is configured to send a message to the control, [[and]]

wherein the control is configured to receive the message,

wherein the control is an application, and

wherein out of control is displayed in the panel.

19. (Previously Presented) The method of claim 18 further comprising: dynamically at run-time adding a new wrapped control to the user interface.

20. (Previously Presented) The method of claim 18 further comprising: dynamically at run-time changing a function of the wrapped control.

21. (Previously Presented) The method of claim 18 further comprising: dynamically at run-time removing an existing wrapped control from the user interface.

22. (Cancelled)

23. (Cancelled)

24. (Original) The method of claim 18 wherein creating a wrapper comprises: implementing at least one function of a control interface.

25. (Original) The method of claim 24 wherein the at least one function is selected from the set a first function to cause the control to read its internal data, a second function to cause the control to load a property of the control from the UI view definition, a third function to save a property of the control to the UI view definition, a fourth function to return a license key for the control, a fifth function to initialize a property of the control, and a sixth function to receive a notification about a user interface event.

26. (Currently Amended) The method of claim 18 further comprising: generating a UI view manager by implementing at least one function of an UI view interface the function selected from the set a first function returning a table of references to business objects, a second function returning a parameter to provide scope of access to a control of the user interface, a third function to register a control for providing alarm information to the control, a fourth function to deregister a control to terminate providing alarm information to the control, a fifth function to create a ~~user interface~~ panel for housing controls, a sixth function to create a ~~user interface~~ panel for adding a control to a ~~user interface~~ panel, a seventh function to remove [[a]] the panel from the user interface, an eight function to remove a control from a ~~user interface~~ panel, a ninth function to activate or deactivate a control, a tenth function to display a text message of a control on a status message panel.

27. (Currently Amended) A computer system for dynamically generating a user interface comprising:

a processor;

a display screen, coupled to said processor;

computer readable medium coupled to said processor; and

computer code, encoded in said computer readable medium, configured to:

~~cause said processor to dynamically generate, at run-time, a user interface from a UI view definition on the display screen, by virtue of being configured to cause said processor to: use a wrapper to generate a wrapped control as part of the user interface,~~

generate a user interface from a UI view definition wherein the generating step includes creating a wrapper for generating a wrapped control as part of the user interface, the wrapped control having a communication interface to dynamically communicate with the UI manager; and

dynamically edit, at run-time, the user interface using the UI view definition to change the user interface,

wherein user interface comprises a panel,

wherein the wrapped control is instantiated in the panel,

wherein the wrapped control comprises a control and a wrapper,

wherein the wrapper provides an interface between the control and the UI view manager,

wherein the UI view manager is configured to send a message to the control, [[and]]

wherein the control is configured to receive the message,

wherein the control is an application, and

wherein out of control is displayed in the panel.

28. (Previously Presented) The computer system of claim 27 wherein said processor is further configured to dynamically add at run-time a new wrapped control to the user interface.

29. (Previously Presented) The computer system of claim 27 wherein said processor is further configured to dynamically change at run-time a function of the wrapped control.

30. (Previously Presented) The computer system of claim 27 wherein said processor is further configured to dynamically remove at run-time an existing wrapped control from the user interface.

31. (Previously Presented) The computer system of claim 27 wherein said processor is further configured to dynamically send a message to the wrapped control via a control interface associated with the wrapper.

32. (Previously Presented) The computer system of claim 27 wherein said processor is further configured to dynamically receive a message from the wrapped control via a UI view interface associated with a UI view manager.

33. (Currently Amended) A computer-readable medium having stored thereon a program which is executable by a processor, the program comprising instructions for:

dynamically generating, at run-time, a user interface from a UI view definition, wherein the generating instructions include using instructions for using a wrapper to generate a wrapped control as part of the user interface; and

dynamically editing, at run-time, the user interface using the UI view definition to change ~~such that~~ the user interface ~~is adapted to a particular application~~,

wherein user interface comprises a panel,

wherein the wrapped control is instantiated in the panel,

wherein the wrapped control comprises a control and a wrapper,

wherein the wrapper provides an interface between the control and the UI view manager,

wherein the UI view manager is configured to send a notification to the control, [[and]]

wherein the control is configured to receive the notification,

wherein the control is an application, and

wherein out of control is displayed in the panel.

34. (Previously Presented) The computer-readable medium of claim 33 further comprising instructions for: dynamically adding at run-time a new wrapped control to the user interface.

35. (Previously Presented) The computer-readable medium of claim 33 further comprising: instructions for dynamically changing at run-time a function of the wrapped control.

36. (Previously Presented) The computer-readable medium of claim 33 further comprising instructions for dynamically removing at run-time an existing wrapped control from the user interface.

37. (Cancelled)

38. (Cancelled)

39. (Currently Amended) An apparatus dynamically modifying a user interface comprising:

generating means for dynamically generating at run-time a user interface from a UI view definition, wherein the generating means includes using means for using a wrapper for generating a wrapped control as part of the user interface;

adding means for dynamically adding, at run-time, a new wrapper control to the user interface;

changing means for dynamically changing, at run-time, a function of the wrapper control; and

removing means for dynamically removing, at run-time, an existing wrapper control from the user interface,

wherein user interface comprises a panel,

wherein the wrapped control and the new wrapper control are instantiated in the panel,

wherein the wrapped control comprises a control and a wrapper,

wherein the wrapper provides an interface between the control and the UI view manager,

wherein the UI view manager is configured to send a message to the control, [[and]]

wherein the control is configured to receive the message,

wherein the control is an application, and

wherein out of control is displayed in the panel.

40. (Cancelled) – 48. (Cancelled)